

STEC improves SSD endurance in ZeusIOPS, other data storage news

By Hillary O'Rourke
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STEC Inc. expanded its ZeusIOPS solid-state drive (SSD) family with the ZeusIOPS XE (Extreme Endurance) SSD. STEC claims the multi-level cell (MLC) flash drive can last for 30 full-capacity writes per day for five years because of its CellCare technology designed to improve SSD endurance.

ZeusIOPS XE fully writes approximately 33 PB of data over the working life of a 600 GB drive, manages the wear of the drive and incorporates STEC's Secure Array of Flash Elements (S.A.F.E.) technology to prevent data loss from MLC flash. STEC CellCare is designed to proactively manage the way the flash wears, and advanced error correction code (ECC) techniques protect against media errors and improve endurance for write-intensive workloads without a performance hit.